

## ABSTRACT

In a biological information inspection system capable of accumulating highly reproducible biological information in a plurality of inspection means and making a multifactorial analysis of related information, simplification and downsizing of the system is achieved. The biological information inspection system 10 of the present invention comprises a sensor chip 20 holding a sample such as genes, a sensor chip holding portion 11 in which the sensor chip 20 is placed, and a data reading portion 13 for acquiring image data of a detection portion 21 and a marker portion 21 of the sensor chip 20. The system further comprises a data calculation unit 16 for executing a plurality of programs for acquiring biological information data from the image data of the detection portion 21. Which of the inspection means the sensor chip 20 corresponds to is identified from the read image data of the marker portion 23. Then the data calculation unit 16 executes a program for the one of the inspection means corresponding to the detection portion 21, thereby detecting biological information peculiar to the sample held on the detection portion 21 from the image data of the detection portion 21. Accordingly, information of the marker portion 23 and information of the detection portion 21 can be acquired by the same mechanism (the data reading portion 13).